

PC101 – Clock Tower Installation Information

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The following notes relate to the installation of our 1000mm clock towers (CT2) and 1000mm vent units (VT2). They are for guidance only and the method of installation is ultimately down to the client with regard to the construction of a subframe/base that is suitable for the building. We do not take any responsibility for loadings or material suitability in this respect.

- The small tower and subframe datasheet (PC106) shows the suggested method for creating a base for this tower size. Essentially you need to form a box which is 800mm square and sits approximately 50mm above the ridge tiles.
- Ideally a hole needs to be formed in the roof to allow access from the loft or void below. This is important for access to the motor(s) as well as any lighting and speakers fitted in the tower.
- Where access from below is not possible due to, for example, a vaulted ceiling, the tower can be supplied with captive nuts for the roof and/or clocks to allow access from the exterior of the tower.
- The box is normally constructed in 4x2 timber joined to the roof trusses with appropriate spacers and bolted in place.
- The sides of the box should then be covered in marine quality ply and dressed with code 4 lead soakers and flashing to form a weatherproof structure. The leadwork should fold over the top of the subframe.
- The tower should be fixed to the top of the frame using M10 bolts or threaded bar of suitable length with 50mm diameter plate washers. Ideally nylock nuts should be used to avoid the tower becoming loose. Normally 2 bolts on each side approximately 200mm from the corners should be adequate.
- Once secured, a bead of clear silicon should be applied between the leadwork and the underside of the clocktower or vent unit. Silicon sealant should also be used around the tower roof either side of the pole where a weathervane is fitted.
- Weathervanes are supplied with a threaded bar which should be screwed into the main support pole of the weathervane using Loctite to prevent it coming loose. The threaded bar is then secured to the timber beam inside the clock tower using the supplied nuts and plate washers either side of the beam. The installer needs to drill the fixing hole for the threaded bar in this beam once the roof has been secured to ensure the weathervane is straight.
- Follow separate instructions for wiring up the clocks.

DO NOT TOUCH THE GOLD LEAF ON THE HANDS OR DIAL

DO NOT TURN THE HANDS MANUALLY AS THIS WILL DAMAGE THE MECHANISM. ALL ADJUSTMENTS SHOULD BE MADE FROM THE CONTROL PANEL WHERE APPLICABLE OR BY SWITCHING THE POWER ON AT THE CORRECT TIME WHERE A CONTROLLER HAS NOT BEEN SPECIFIED.

IF YOU HAVE ANY QUERIES PLEASE CONTACT US AS BELOW.

To contact us with any questions or assistance:

Email: info@polarisclocks.com Website: www.polarisclocks.com / www.turm-uhren.com